Attorney Docket no: SEL 289

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Rumo SATAKE

Serial No.:

Filed: Herewith

For: Liquid Crystal Display Device

Examiner:

Art Unit:

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Name Armando Chavez
(typed or printed)

Signature

Commissioner for Patents
Washington D.C. 20231

PRELIMINARY AMENDMENT A

Prior to examination, please enter the following amendment in the above-identified application:

IN THE CLAIMS:

Please amend the claims as follows:

11 (Amended). A liquid crystal display device according to claim 1, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

12 (Amended). A liquid crystal display device according to claim 1, wherein the dielectric is an oxide containing titanium or tantalum.

13 (Amended). A liquid crystal display device according to claim 1, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a

video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

Please add the following new claims:

14 (New). A liquid crystal display device according to claim 2, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

15 (New). A liquid crystal display device according to claim 3, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

16 (New). A liquid crystal display device according to claim 4, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

17 (New). A liquid crystal display device according to claim 5, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

18 (New). A liquid crystal display device according to claim 6, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

18 (New). A liquid crystal display device according to claim 7, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on opposing electrode. wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

20 (New). A liquid crystal display device according to claim 8, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

21 (New). A liquid crystal display device according to claim 2, wherein the dielectric is an oxide containing titanium or tantalum.

22 (New). A liquid crystal display device according to claim 3, wherein the dielectric is an oxide containing titanium or tantalum.

23 (New). A liquid crystal display device according to claim 4, wherein the dielectric is an oxide containing titanium or tantalum.

24 (New). A liquid crystal display device according to claim 5, wherein the dielectric is an oxide containing titanium or tantalum.

25 (New). A liquid crystal display device according to claim 6, wherein the dielectric is an oxide containing titanium or tantalum.

26 (New). A liquid crystal display device according to claim 7, wherein the dielectric is an oxide containing titanium or tantalum.

27 (New). A liquid crystal display device according to claim 8, wherein the dielectric is an oxide containing titanium or tantalum.

28 (New). A liquid crystal display device according to claim 2, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

29 (New). A liquid crystal display device according to claim 3, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

30 (New). A liquid crystal display device according to claim 4, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

31 (New). A liquid crystal display device according to claim 5, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

32 (New). A liquid crystal display device according to claim 6, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

33 (New). A liquid crystal display device according to claim 7, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

34 (New). A liquid crystal display device according to claim 8, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

REMARKS

This amendment is being submitted to remove the improper dependency upon multi-dependent claims. It is believed that no new matter is being added. Accordingly, it is requested that this amendment be entered.

If any additional fee is due for this amendment, please charge our deposit account 50/1039.

Respectfully submitted,

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Marked-up copy of the claims as amended:

11 (Amended). A liquid crystal display device according to [any one of] claim[s] 1 [to 8], further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

12 (Amended). A liquid crystal display device according to [any one of] claim[s] 1 [to 8], wherein the dielectric is an oxide containing titanium or tantalum.

13 (Amended). A liquid crystal display device according to [any one of] claim[s] 1 [to 8], wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display[s], a car navigation system, a car stereo, a personal computer[s], and a portable information terminal.

Please add the following new claims:

14 (New). A liquid crystal display device according to claim 2, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

15 (New). A liquid crystal display device according to claim 3, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

16 (New). A liquid crystal display device according to claim 4, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

17 (New). A liquid crystal display device according to claim 5, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

18 (New). A liquid crystal display device according to claim 6, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

18 (New). A liquid crystal display device according to claim 7, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on opposing electrode,

wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

20 (New). A liquid crystal display device according to claim 8, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

21 (New). A liquid crystal display device according to claim 2, wherein the dielectric is an oxide containing titanium or tantalum.

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25 (New). A liquid crystal display device according to claim 6, wherein the dielectric is an oxide containing titanium or tantalum.

26 (New). A liquid crystal display device according to claim 7, wherein the dielectric is an oxide containing titanium or tantalum.

27 (New). A liquid crystal display device according to claim 8, wherein the dielectric is an oxide containing titanium or tantalum.

28 (New). A liquid crystal display device according to claim 2, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

29 (New). A liquid crystal display device according to claim 3, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

30 (New). A liquid crystal display device according to claim 4, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

31 (New). A liquid crystal display device according to claim 5, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a

video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

32 (New). A liquid crystal display device according to claim 6, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

33 (New). A liquid crystal display device according to claim 7, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

34 (New). A liquid crystal display device according to claim 8, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.